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Terms	Documents
l6 and L9	119

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L10

Search History**DATE: Thursday, July 24, 2003** [Printable Copy](#) [Create Case](#)**Set Name Query**
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<u>L10</u>	l6 and L9	119	<u>L10</u>
<u>L9</u>	non-glycosylated and L8	1006	<u>L9</u>
<u>L8</u>	protease deficient and l6	30313	<u>L8</u>
<u>L7</u>	stable solution and L6	471777	<u>L7</u>
<u>L6</u>	storage and L5	3272	<u>L6</u>
<u>L5</u>	L3 and stability	6708	<u>L5</u>
<u>L4</u>	in vivo activity and L3	2927400	<u>L4</u>
<u>L3</u>	yeast and L2	11983	<u>L3</u>
<u>L2</u>	extended shelf-life and L1	538751	<u>L2</u>
<u>L1</u>	fusion albumin protein	189881	<u>L1</u>

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NEWS 4 Feb 24 TEMA now available on STN
NEWS 5 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 6 Feb 26 PCTFULL now contains images
NEWS 7 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
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NEWS 10 Apr 11 Display formats in DGENE enhanced
NEWS 11 Apr 14 MEDLINE Reload
NEWS 12 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 13 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14 Apr 21 New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15 Apr 28 RDISCLOSURE now available on STN
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NEWS 17 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 18 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19 May 19 Simultaneous left and right truncation added to WSCA
NEWS 20 May 19 RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 22 Jun 06 PASCAL enhanced with additional data
NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 24 Jun 25 HSDB has been reloaded
NEWS 25 Jul 16 Data from 1960-1976 added to RDISCLOSURE
NEWS 26 Jul 21 Identification of STN records implemented
NEWS 27 Jul 21 Polymer class term count added to REGISTRY
NEWS 28 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available

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=> s albumin fusion protein
L1 2651 ALBUMIN FUSION PROTEIN

=> s albumin fusion protein () increased shelf-life
L2 1 ALBUMIN FUSION PROTEIN (W) INCREASED SHELF-LIFE

=> d 12 ti abs ibib tot

L2 ANSWER 1 OF 1 USPATFULL on STN

TI Albumin fusion proteins

AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion

proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:181414 USPATFULL
TITLE: Albumin fusion proteins
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2003125247 | A1 | 20030703 |
| APPLICATION INFO.: | US 2001-833041 | A1 | 20010412 (9) |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-256931P | 20001221 (60) |
| | US 2000-199384P | 20000425 (60) |
| | US 2000-229358P | 20000412 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 29
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 20 Drawing Page(s)
LINE COUNT: 15235

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 17:28:02 ON 24 JUL 2003)

FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, SCISEARCH, FSTA, JICST-EPLUS,
WPIDS, BIOSIS, HCAPLUS' ENTERED AT 17:28:27 ON 24 JUL 2003

L1 2651 S ALBUMIN FUSION PROTEIN
L2 1 S ALBUMIN FUSION PROTEIN () INCREASED SHELF-LIFE

=> s l1 and extended shelf-life
L3 188 L1 AND EXTENDED SHELF-LIFE

=> s l1 and increase half-life
L4 1 L1 AND INCREASE HALF-LIFE

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 1 USPATFULL on STN
TI Tumor necrosis factor receptors 6alpha & 6beta
AB The present invention relates to novel Tumor Necrosis Factor Receptor
proteins. In particular, isolated nucleic acid molecules are provided
encoding the human TNFR-6.alpha. & -6.beta. proteins. TNFR-6.alpha. &
-6.beta. polypeptides are also provided as are vectors, host cells and
recombinant methods for producing the same. The invention further
relates to screening methods for identifying agonists and antagonists of
TNFR-6.alpha. & -6.beta. activity. Also provided are diagnostic methods
for detecting immune system-related disorders and therapeutic methods
for treating immune system-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:272468 USPATFULL
TITLE: Tumor necrosis factor receptors 6alpha & 6beta
INVENTOR(S): Gentz, Reiner L., Rockville, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES

PATENT ASSIGNEE(S) : Ruben, Steven M., Olney, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Feng, Ping, Gaithersburg, MD, UNITED STATES
Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2002150583 | A1 | 20021017 |
| APPLICATION INFO.: | US 2001-935727 | A1 | 20010824 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998, PENDING
US 2000-518931, filed on 3 Mar 2000, PENDING
Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2001-303224P | 20010706 (60) |
| | US 2000-252131P | 20001121 (60) |
| | US 2000-227598P | 20000825 (60) |
| | US 1999-168235P | 19991201 (60) |
| | US 1999-146371P | 19990802 (60) |
| | US 1999-131964P | 19990430 (60) |
| | US 1999-131270P | 19990427 (60) |
| | US 1999-124092P | 19990312 (60) |
| | US 1999-121774P | 19990304 (60) |
| | US 1997-35496P | 19970114 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 48
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Page(s)
LINE COUNT: 12989
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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WPIDS, BIOSIS, HCAPLUS' ENTERED AT 17:28:27 ON 24 JUL 2003
L1 2651 S ALBUMIN FUSION PROTEIN
L2 1 S ALBUMIN FUSION PROTEIN () INCREASED SHELF-LIFE
L3 188 S L1 AND EXTENDED SHELF-LIFE
L4 1 S L1 AND INCREASE HALF-LIFE

=> s l3 and increase albumin activity
L5 0 L3 AND INCREASE ALBUMIN ACTIVITY

=> s l3 and non-glycosylation
L6 0 L3 AND NON-GLYCOSYLATION

=> s l3 and yeast cell
L7 1 L3 AND YEAST CELL

=> d 17 ti abs ibib tot

L7 ANSWER 1 OF 1 USPATFULL on STN

TI Albumin fusion proteins

AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:181414 USPATFULL

TITLE: Albumin fusion proteins

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES

| | NUMBER | KIND | DATE |
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| PATENT INFORMATION: | US 2003125247 | A1 | 20030703 |
| APPLICATION INFO.: | US 2001-833041 | A1 | 20010412 (9) |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-256931P | 20001221 (60) |
| | US 2000-199384P | 20000425 (60) |
| | US 2000-229358P | 20000412 (60) |

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 29

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 20 Drawing Page(s)

LINE COUNT: 15235

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, SCISEARCH, FSTA, JICST-EPLUS,
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L1 2651 S ALBUMIN FUSION PROTEIN
L2 1 S ALBUMIN FUSION PROTEIN () INCREASED SHELF-LIFE
L3 188 S L1 AND EXTENDED SHELF-LIFE
L4 1 S L1 AND INCREASE HALF-LIFE
L5 0 S L3 AND INCREASE ALBUMIN ACTIVITY
L6 0 S L3 AND NON-GLYCOSYLATION
L7 1 S L3 AND YEAST CELL

=> s l3 and protease deficient

L8 2 L3 AND PROTEASE DEFICIENT

=> d 18 ti abs ibib tot

L8 ANSWER 1 OF 2 USPATFULL on STN

TI Albumin fusion proteins

AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:181414 USPATFULL

TITLE: Albumin fusion proteins

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2003125247 | A1 | 20030703 |
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| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-256931P | 20001221 (60) |
| | US 2000-199384P | 20000425 (60) |
| | US 2000-229358P | 20000412 (60) |

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 29

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 20 Drawing Page(s)

LINE COUNT: 15235

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 2 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New albumin fusion proteins with **extended shelf life**, useful for treating leukemia, warts, hepatitis, multiple sclerosis and AIDS, comprises therapeutic protein fused to albumin.

AN 2002-179329 [23] WPIDS

CR 2001-602931 [68]

AB WO 200179271 A UPAB: 20030211

NOVELTY - An **albumin fusion protein (I)** comprising:

(a) a therapeutic protein (X) and albumin (A) containing a fully defined sequence (S1) of 585 amino acids as given in the specification;

(b) X and a fragment or variants of S1, where the fragment or variants has albumin activity; or

(c) a fragment or variant of X and A, where the fragment or variant has a biological activity of X, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) an **albumin fusion protein (II)**

comprising a peptide inserted into A comprising amino acids 54-61, 76-89, 92-100, 170-176, 247-252, 266-277, 280-288, 362-368, 439-447, 462-475, 478-486 or 560-566 of S1;

(2) an **albumin fusion protein (III)**

comprising a single chain antibody or its portion and A or its fragment or variant;

(3) a composition comprising any of (I)-(III) and a pharmaceutically active carrier;

(4) a kit comprising the composition;

- (5) treating a disease or disorder that is modulated by X in a patient comprising administering any of (I)-(III);
- (6) extending the shelf life of X comprising fusing X or its fragment or variant to A or its fragment or variant, sufficient to extend the shelf-life of X compared to the shelf life of X in an unfused state;
- (7) a nucleic acid molecule (IV) comprising a polynucleotide sequence encoding any of (I)-(III);
- (8) a vector comprising (IV); and
- (9) a host cell comprising (IV).

ACTIVITY - Cytostatic; dermatological; virucide; anti-HIV; neuroprotective; hepatotropic; antiinflammatory. Tests are described but no results are given in the source material.

MECHANISM OF ACTION - Gene therapy.

USE - The fusion protein is useful for the treatment of hairy cell leukemia, Kaposi's sarcoma, genital warts, anal warts, chronic hepatitis B, chronic non-A, non-B hepatitis, hepatitis C/D, chronic myelogenous leukemia, renal cell carcinoma, bladder carcinoma, ovarian carcinoma, cervical carcinoma, skin cancer, recurrent respiratory papillomatosis, non-Hodgkin's lymphoma, cutaneous T-cell lymphoma, melanoma, multiple myeloma, acquired immunodeficiency syndrome (AIDS), multiple sclerosis and glioblastoma. The fusion of albumin extends the shelf life and the in vivo and in vitro biological activity of the therapeutic protein (all claimed).

ADVANTAGE - Therapeutic proteins can be stabilized to extend shelf life and/or retain the protein's activity for extended periods of time in solution, in vivo or in vitro by genetically or chemically fusing the protein to albumin or its fragment or variant. In addition the use of albumin fusion proteins reduces the need to formulate protein solutions with large excesses of carrier proteins to prevent loss of therapeutic protein due to factors such as binding to the container. The extension of shelf life was tested by measuring biological activity (Nb2 cell proliferation) of human albumin-human growth hormone (HA-hGH) fusion protein remaining after incubation in cell culture media for up to 3 weeks at 37 deg. C. At week 3 there was still approx. 95% cell proliferation compared to no activity of unfused hGH (no observed activity by week 2).

Dwg.0/18

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|---------------------|--|-------|
| ACCESSION NUMBER: | 2002-179329 [23] | WPIDS |
| CROSS REFERENCE: | 2001-602931 [68] | |
| DOC. NO. CPI: | C2002-055553 | |
| TITLE: | New albumin fusion proteins with extended shelf life , useful for treating leukemia, warts, hepatitis, multiple sclerosis and AIDS, comprises therapeutic protein fused to albumin. | |
| DERWENT CLASS: | B04 D16 | |
| INVENTOR(S): | BALLANCE, D J; PRIOR, C P; SADEGHI, H; SLEEP, D; TURNER, A J | |
| PATENT ASSIGNEE(S): | (DELZ) DELTA BIOTECHNOLOGY LTD; (PRIN-N) PRINCIPIA PHARM CORP | |
| COUNTRY COUNT: | 96 | |

PATENT INFORMATION:

| PATENT NO | KIND | DATE | WEEK | LA | PG |
|---------------|---|----------|-----------|----|-----|
| <hr/> | | | | | |
| WO 2001079271 | A1 | 20011025 | (200223)* | EN | 294 |
| RW: | AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW | | | | |
| W: | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW | | | | |
| AU 2001061024 | A | 20011030 | (200225) | | |
| EP 1278767 | A1 | 20030129 | (200310) | EN | |
| R: | AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR | | | | |

APPLICATION DETAILS:

| PATENT NO | KIND | APPLICATION | DATE |
|---------------|------|-----------------|----------|
| WO 2001079271 | A1 | WO 2001-US12009 | 20010412 |
| AU 2001061024 | A | AU 2001-61024 | 20010412 |
| EP 1278767 | A1 | EP 2001-934875 | 20010412 |
| | | WO 2001-US12009 | 20010412 |

FILING DETAILS:

| PATENT NO | KIND | PATENT NO |
|---------------|-------------|--------------|
| AU 2001061024 | A Based on | WO 200179271 |
| EP 1278767 | A1 Based on | WO 200179271 |

PRIORITY APPLN. INFO: US 2000-256931P 20001221; US 2000-229358P
20000412; US 2000-199384P 20000425

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L8 2 S L3 AND PROTEASE DEFICIENT

=> s l3 and kit

L9 2 L3 AND KIT

=> d l9 ti abs ibib tot

L9 ANSWER 1 OF 2 USPATFULL on STN

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TITLE: Albumin fusion proteins
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES

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| | US 2000-229358P | 20000412 (60) |

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 29
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 20 Drawing Page(s)
LINE COUNT: 15235
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 2 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New albumin fusion proteins with **extended shelf life**, useful for treating leukemia, warts, hepatitis, multiple sclerosis and AIDS, comprises therapeutic protein fused to albumin.

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AB WO 200179271 A UPAB: 20030211

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comprising a peptide inserted into A comprising amino acids 54-61, 76-89, 92-100, 170-176, 247-252, 266-277, 280-288, 362-368, 439-447, 462-475, 478-486 or 560-566 of S1;

(2) an **albumin fusion protein (III)**

comprising a single chain antibody or its portion and A or its fragment or variant;

(3) a composition comprising any of (I)-(III) and a pharmaceutically active carrier;

(4) a kit comprising the composition;

(5) treating a disease or disorder that is modulated by X in a patient comprising administering any of (I)-(III);

(6) extending the shelf life of X comprising fusing X or its fragment or variant to A or its fragment or variant, sufficient to extend the shelf-life of X compared to the shelf life of X in an unfused state;

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- (9) a host cell comprising (IV).

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MECHANISM OF ACTION - Gene therapy.

USE - The fusion protein is useful for the treatment of hairy cell leukemia, Kaposi's sarcoma, genital warts, anal warts, chronic hepatitis B, chronic non-A, non-B hepatitis, hepatitis C/D, chronic myelogenous leukemia, renal cell carcinoma, bladder carcinoma, ovarian carcinoma, cervical carcinoma, skin cancer, recurrent respiratory papillomatosis, non-Hodgkin's lymphoma, cutaneous T-cell lymphoma, melanoma, multiple myeloma, acquired immunodeficiency syndrome (AIDS), multiple sclerosis and glioblastoma. The fusion of albumin extends the shelf life and the in vivo and in vitro biological activity of the therapeutic protein (all claimed).

ADVANTAGE - Therapeutic proteins can be stabilized to extend shelf life and/or retain the protein's activity for extended periods of time in solution, in vivo or in vitro by genetically or chemically fusing the protein to albumin or its fragment or variant. In addition the use of albumin fusion proteins reduces the need to formulate protein solutions with large excesses of carrier proteins to prevent loss of therapeutic protein due to factors such as binding to the container. The extension of shelf life was tested by measuring biological activity (Nb2 cell proliferation) of human albumin-human growth hormone (HA-hGH) fusion protein remaining after incubation in cell culture media for up to 3 weeks at 37 deg. C. At week 3 there was still approx. 95% cell proliferation compared to no activity of unfused hGH (no observed activity by week 2).

Dwg.0/18

ACCESSION NUMBER: 2002-179329 [23] WPIDS
 CROSS REFERENCE: 2001-602931 [68]
 DOC. NO. CPI: C2002-055553
 TITLE: New albumin fusion proteins with **extended shelf life**, useful for treating leukemia, warts, hepatitis, multiple sclerosis and AIDS, comprises therapeutic protein fused to albumin.
 DERWENT CLASS: B04 D16
 INVENTOR(S): BALLANCE, D J; PRIOR, C P; SADEGHI, H; SLEEP, D; TURNER, A J
 PATENT ASSIGNEE(S): (DELZ) DELTA BIOTECHNOLOGY LTD; (PRIN-N) PRINCIPIA PHARM CORP
 COUNTRY COUNT: 96
 PATENT INFORMATION:

| PATENT NO | KIND | DATE | WEEK | LA | PG |
|---------------|---|----------|-----------|----|-----|
| <hr/> | | | | | |
| WO 2001079271 | A1 | 20011025 | (200223)* | EN | 294 |
| RW: | AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW | | | | |
| W: | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW | | | | |
| AU 2001061024 | A | 20011030 | (200225) | | |
| EP 1278767 | A1 | 20030129 | (200310) | EN | |
| R: | AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR | | | | |

APPLICATION DETAILS:

| PATENT NO | KIND | APPLICATION | DATE |
|---------------|------|-----------------|----------|
| <hr/> | | | |
| WO 2001079271 | A1 | WO 2001-US12009 | 20010412 |
| AU 2001061024 | A | AU 2001-61024 | 20010412 |
| EP 1278767 | A1 | EP 2001-934875 | 20010412 |

FILING DETAILS:

| PATENT NO | KIND | PATENT NO |
|---------------|-------------|--------------|
| AU 2001061024 | A Based on | WO 200179271 |
| EP 1278767 | A1 Based on | WO 200179271 |

PRIORITY APPLN. INFO: US 2000-256931P 20001221; US 2000-229358P
20000412; US 2000-199384P 20000425

=> e rosen, c/au

E1 7 ROSEN ZVI M/AU
E2 7 ROSEN ZVI MICHAL/AU
E3 0 --> ROSEN, C/AU
E4 1 ROSENA BRUCE R/AU
E5 1 ROSENABUM S/AU
E6 1 ROSENACKER A F/AU
E7 1 ROSENACKER ARTHUR F/AU
E8 4 ROSENADA CEPERO R/AU
E9 1 ROSENAGER L/AU
E10 2 ROSENAK B/AU
E11 71 ROSENAK B D/AU
E12 9 ROSENAK BERNARD D/AU

=> e haseltine,W/au

E1 1 HASELTINE WILLIAM G/AU
E2 1 HASELTINE WILLIAM GAGE/AU
E3 0 --> HASELTINE,W/AU
E4 1 HASELTLINE F P/AU
E5 8 HASELTON A/AU
E6 5 HASELTON AARON/AU
E7 1 HASELTON B J/AU
E8 4 HASELTON C/AU
E9 1 HASELTON C B/AU
E10 9 HASELTON C J/AU
E11 37 HASELTON C L/AU
E12 5 HASELTON CAROLE J/AU

=> s e1

L10 1 "HASELTINE WILLIAM G"/AU

=> s e2

L11 1 "HASELTINE WILLIAM GAGE"/AU

=> d l10 ti abs ibib tot

L10 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN
TI Physicochemical properties of mono- and diisocyanates
AB Liq. d., viscosity, sp. heat, and vapor pressure data are reported for a new class of mono- and diisocyanates.
ACCESSION NUMBER: 1986:540063 HCAPLUS
DOCUMENT NUMBER: 105:140063
TITLE: Physicochemical properties of mono- and diisocyanates
AUTHOR(S): Achorn, Peter J.; Haseltine, William G.; Miller, J. K.
CORPORATE SOURCE: Chem. Res. Div., Am. Cyanamid Co., Stamford, CT, 06904-0060, USA
SOURCE: Journal of Chemical and Engineering Data (1986), 31(4), 385-7
CODEN: JCCEAX; ISSN: 0021-9568
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d l11 ti abs ibib tot

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN
TI High pressure carbon-13 nuclear magnetic resonance relaxation study of 2-n-butyl-3-n-hexylnaphthalene
AB Unavailable
ACCESSION NUMBER: 1981:559261 HCAPLUS
DOCUMENT NUMBER: 95:159261

TITLE: High pressure carbon-13 nuclear magnetic resonance
relaxation study of 2-n-butyl-3-n-hexylnaphthalene

AUTHOR(S): **Haseltine, William Gage**

CORPORATE SOURCE: Pennsylvania State Univ., University Park, PA, USA

SOURCE: (1981) 195 pp. Avail.: Univ. Microfilms Int., Order
No. 8112809

DOCUMENT TYPE: From: Diss. Abstr. Int. B 1981, 42(1), 230

LANGUAGE: Dissertation
English

=>

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 119 returned.** 1. Document ID: US 6593112 B1

L10: Entry 1 of 119

File: USPT

Jul 15, 2003

US-PAT-NO: 6593112

DOCUMENT-IDENTIFIER: US 6593112 B1

TITLE: Polynucleotides encoding fibroblast growth factor 15

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|--------------|-------|----------|---------|
| Greene; John M. | Gaithersburg | MD | | |
| Rosen; Craig A. | Laytonsville | MD | | |
| Alderson; Ralph | Gaithersburg | MD | | |
| Melder; Robert J. | Gaithersburg | MD | | |
| Duan; D. Roxanne | Bethesda | MD | | |

US-CL-CURRENT: 435/69.4, 435/243, 435/320.1, 435/325, 435/69.7, 514/44, 530/300,
530/399, 536/23.1, 536/23.5[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWD](#) | [Draw Desc](#) | [Image](#) 2. Document ID: US 6592865 B2

L10: Entry 2 of 119

File: USPT

Jul 15, 2003

US-PAT-NO: 6592865

DOCUMENT-IDENTIFIER: US 6592865 B2

TITLE: Methods and compositions for modulating ACE-2 activity

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------|--------------|-------|----------|---------|
| Parry; Tom J. | Walkersville | MD | | |
| Sekut; Les | Ijamsville | MD | | |

US-CL-CURRENT: 514/15, 514/2[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KWD](#) | [Draw Desc](#) | [Image](#) 3. Document ID: US 6566325 B2

L10: Entry 3 of 119

File: USPT

May 20, 2003

US-PAT-NO: 6566325
 DOCUMENT-IDENTIFIER: US 6566325 B2

TITLE: 49 human secreted proteins

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|---------------|-------|----------|---------|
| Moore; Paul A. | Germantown | MD | | |
| Ruben; Steven M. | Olney | MD | | |
| Olsen; Henrik S. | Gaithersburg | MD | | |
| Shi; Yanggu | Gaithersburg | MD | | |
| Rosen; Craig A. | Laytonsville | MD | | |
| Florence; Kimberly A. | Rockville | MD | | |
| Soppet; Daniel R. | Centreville | VA | | |
| LaFleur; David W. | Washington | DC | | |
| Endress; Gregory A. | Potomac | MD | | |
| Ebner; Reinhard | Gaithersburg | MD | | |
| Komatsoulis; George | Silver Spring | MD | | |
| Duan; Roxanne D. | Bethesda | MD | | |

US-CL-CURRENT: 514/2; 530/300, 530/350

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

4. Document ID: US 6562579 B1

L10: Entry 4 of 119

File: USPT

May 13, 2003

US-PAT-NO: 6562579

DOCUMENT-IDENTIFIER: US 6562579 B1

TITLE: Diagnostic methods using antibodies to Neutrokinin-alpha

DATE-ISSUED: May 13, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|--------------|-------|----------|---------|
| Yu; Guo-Liang | Berkeley | CA | | |
| Ebner; Reinhard | Gaithersburg | MD | | |
| Ni; Jian | Rockville | MD | | |
| Rosen; Craig A. | Laytonsville | MD | | |

US-CL-CURRENT: 435/7.1; 435/7.2, 530/350, 530/387.9, 530/388.1, 530/388.23,
530/389.1, 530/391.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

5. Document ID: US 6559294 B1

L10: Entry 5 of 119

File: USPT

May 6, 2003

US-PAT-NO: 6559294

DOCUMENT-IDENTIFIER: US 6559294 B1

TITLE: Chlamydia pneumoniae polynucleotides and uses thereof

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|-----------|-------|----------|---------|
| Griffais; Remy | Momtrouge | | | FR |
| Hoiseth; Susan K. | Fairport | NY | | |
| Zagursky; Robert John | Victor | NY | | |
| Metcalf; Benjamin J. | Rochester | NY | | |
| Peek; Joel A. | Pittsford | NY | | |
| Sankaran; Banumathi | Penfield | NY | | |
| Fletcher; Leah Diane | Geneseo | NY | | |

US-CL-CURRENT: 536/23.1; 435/320.1, 435/69.1, 435/70.1, 536/24.1

| | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|---------------------|----------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC | Drawn Desc | Image |
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 6. Document ID: US 6555660 B2

L10: Entry 6 of 119

File: USPT

Apr 29, 2003

US-PAT-NO: 6555660

DOCUMENT-IDENTIFIER: US 6555660 B2

TITLE: G-CSF conjugates

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------------|---------------|-------|----------|---------|
| Nissen; Torben Lauesgaard | Frederiksberg | | | DK |
| Andersen; Kim Vilbour | Broenshoej | | | DK |
| Hansen; Christian Karsten | Vedbaek | | | DK |
| Mikkelsen; Jan Moller | Gentofte | | | DK |
| Schambye; Hans Thalsgaard | Frederiksberg | | | DK |

US-CL-CURRENT: 530/397; 435/69.1, 435/69.4, 435/70.1, 435/71.1, 530/350, 530/351,
530/395, 530/399

| | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|---------------------|----------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC | Drawn Desc | Image |
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 7. Document ID: US 6551820 B1

L10: Entry 7 of 119

File: USPT

Apr 22, 2003

US-PAT-NO: 6551820

DOCUMENT-IDENTIFIER: US 6551820 B1

TITLE: Expression of immunogenic hepatitis B surface antigens in transgenic plants

DATE-ISSUED: April 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|---------------|-------|----------|---------|
| Mason; Hugh S. | Ithaca | NY | | |
| Thanavala; Yasmin | Williamsville | NY | | |
| Arntzen; Charles Joel | Ithaca | NY | | |
| Richter; Elizabeth | Ithaca | NY | | |

US-CL-CURRENT: 435/320.1; 435/69.3, 435/71.2, 536/23.4

| | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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 8. Document ID: US 6544761 B2

L10: Entry 8 of 119

File: USPT

Apr 8, 2003

US-PAT-NO: 6544761

DOCUMENT-IDENTIFIER: US 6544761 B2

TITLE: Human tissue inhibitor of metalloproteinase-4

DATE-ISSUED: April 8, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|--------------|-------|----------|---------|
| Greene; John M. | Gaithersburg | MD | | |
| Rosen; Craig A. | Laytonsville | MD | | |

US-CL-CURRENT: 435/69.2; 514/12, 530/350, 536/23.5

| | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KOMC | Drawn Desc | Image |
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 9. Document ID: US 6544505 B2

L10: Entry 9 of 119

File: USPT

Apr 8, 2003

US-PAT-NO: 6544505

DOCUMENT-IDENTIFIER: US 6544505 B2

TITLE: Interferon-epsilon

DATE-ISSUED: April 8, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|----------|-------|----------|---------|
| Conklin; Darrell C. | Seattle | WA | | |
| Grant; Francis J. | Seattle | WA | | |
| Rixon; Mark W. | Issaquah | WA | | |
| Kindsvogel; Wayne | Seattle | WA | | |

US-CL-CURRENT: 424/85.4; 424/185.1, 435/69.51, 530/350, 530/351

| | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KOMC | Drawn Desc | Image |
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10. Document ID: US 6541623 B1

L10: Entry 10 of 119

File: USPT

Apr 1, 2003

US-PAT-NO: 6541623

DOCUMENT-IDENTIFIER: US 6541623 B1

TITLE: Interleukin--1 receptor antagonist and uses thereof

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|---------------|-------|----------|---------|
| Ford; John | San Mateo | CA | | |
| Ho; Alice Suk-Yue | Union City | CA | | |
| Pace; Ann | Scotts Valley | CA | | |

US-CL-CURRENT: 536/24.3; 435/287.2, 435/288.3, 435/288.4, 536/23.1[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMD](#) | [Draw Desc](#) | [Image](#)[Generate Collection](#)[Print](#)

| Terms | Documents |
|-----------|-----------|
| l6 and L9 | 119 |

[Display Format:](#) [CIT](#) [Change Format](#)[Previous Page](#) [Next Page](#)

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 30 of 119 returned.** 21. Document ID: US 6495128 B1

L10: Entry 21 of 119

File: USPT

Dec 17, 2002

US-PAT-NO: 6495128

DOCUMENT-IDENTIFIER: US 6495128 B1

TITLE: Human chemokine .beta.-7 deletion and substitution proteins

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------------|--------------|-------|----------|---------|
| Salcedo; Theodora W. | Gaithersburg | MD | | |
| Patel; Vikram P. | Germantown | MD | | |
| Nibbs; Robert John Benjamin | Glasgow | | | GB |
| Graham; Gerard John | Glasgow | | | GB |

US-CL-CURRENT: 424/85.1; 435/254.11, 435/254.3, 435/320.1, 435/325, 435/471,
435/69.5, 435/69.7, 435/71.1, 435/71.2, 530/324, 536/23.5[Full](#)[Title](#)[Citation](#)[Front](#)[Review](#)[Classification](#)[Date](#)[Reference](#)[Sequences](#)[Attachments](#)[KOMC](#)[Drawn Desc](#)[Image](#) 22. Document ID: US 6482612 B1

L10: Entry 22 of 119

File: USPT

Nov 19, 2002

US-PAT-NO: 6482612

DOCUMENT-IDENTIFIER: US 6482612 B1

TITLE: Adipocyte-specific protein homologs

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|---------|-------|----------|---------|
| Sheppard; Paul O. | Redmond | WA | | |
| Humes; Jacqueline M. | Seattle | WA | | |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/6, 435/7.2, 435/7.21, 436/501,
514/2, 530/350, 536/23.5[Full](#)[Title](#)[Citation](#)[Front](#)[Review](#)[Classification](#)[Date](#)[Reference](#)[Sequences](#)[Attachments](#)[KOMC](#)[Drawn Desc](#)[Image](#) 23. Document ID: US 6476209 B1

L10: Entry 23 of 119

File: USPT

Nov 5, 2002

US-PAT-NO: 6476209

DOCUMENT-IDENTIFIER: US 6476209 B1

TITLE: Polynucleotides, materials incorporating them, and methods for using them

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|------------------|-------|----------|---------|
| Glenn; Matthew | Auckland | | | NZ |
| Lubbers; Mark W. | Palmerston North | | | NZ |
| Dekker; James | Palmerston North | | | NZ |

US-CL-CURRENT: 536/23.1; 435/6, 435/91.1, 530/200, 536/22.1

| | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|----------------------|----------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KIMC | Drawn Desc | Image |
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 24. Document ID: US 6476195 B1

L10: Entry 24 of 119

File: USPT

Nov 5, 2002

US-PAT-NO: 6476195

DOCUMENT-IDENTIFIER: US 6476195 B1

TITLE: Secreted protein HNFGF20

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|---------------|-------|----------|---------|
| Komatsoulis; George | Silver Spring | MD | | |
| Rosen; Craig A. | Laytonsville | MD | | |
| Ruben; Steven M. | Olney | MD | | |
| Duan; Roxanne D. | Bethesda | MD | | |
| Moore; Paul A. | Germantown | MD | | |
| Shi; Yanggu | Gaithersburg | MD | | |
| LaFleur; David W. | Washington | DC | | |
| Wei; Ying-Fei | Berkeley | CA | | |
| Ni; Jian | Rockville | MD | | |
| Florence; Kimberly A. | Rockville | MD | | |
| Young; Paul | Gaithersburg | MD | | |
| Brewer; Laurie A. | St. Paul | MN | | |
| Soppet; Daniel R. | Centreville | VA | | |
| Endress; Gregory A. | Potomac | MD | | |
| Ebner; Reinhard | Gaithersburg | MD | | |
| Olsen; Henrik | Gaithersburg | MD | | |
| Mucenski; Michael | Cincinnati | OH | | |

US-CL-CURRENT: 530/350; 435/6, 435/7.1, 536/23.1

| | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|----------------------|----------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KIMC | Drawn Desc | Image |
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25. Document ID: US 6475753 B1

L10: Entry 25 of 119

File: USPT

Nov 5, 2002

US-PAT-NO: 6475753

DOCUMENT-IDENTIFIER: US 6475753 B1

TITLE: 94 Human Secreted Proteins

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|---------------|-------|----------|---------|
| Ruben; Steven M. | Olney | MD | | |
| Ni; Jian | Rockville | MD | | |
| Rosen; Craig A. | Laytonsville | MD | | |
| Wei; Ying-Fei | Berkeley | CA | | |
| Young; Paul | Gaithersburg | MD | | |
| Florence; Kimberly | Rockville | MD | | |
| Soppet; Daniel R. | Centreville | VA | | |
| Brewer; Laurie A. | St. Paul | MN | | |
| Endress; Gregory A. | Potomac | MD | | |
| Carter; Kenneth C. | Potomac | MD | | |
| Mucenski; Michael | Cincinnati | OH | | |
| Ebner; Reinhard | Gaithersburg | MD | | |
| Lafleur; David W. | Washington | DC | | |
| Olsen; Henrik | Gaithersburg | MD | | |
| Shi; Yanggu | Gaithersburg | MD | | |
| Moore; Paul A. | Germantown | MD | | |
| Komatsoulis; George | Silver Spring | MD | | |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 435/471, 435/69.4, 435/71.1,
530/350, 536/23.5[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMLC](#) | [Drawn Desc](#) | [Image](#) 26. Document ID: US 6472512 B1

L10: Entry 26 of 119

File: USPT

Oct 29, 2002

US-PAT-NO: 6472512

DOCUMENT-IDENTIFIER: US 6472512 B1

TITLE: Keratinocyte derived interferon

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|------------|-------|----------|---------|
| LaFleur; David W. | Washington | DC | | |
| Moore; Paul A. | Germantown | MD | | |
| Ruben; Steven M. | Olney | MD | | |

US-CL-CURRENT: 530/388.2; 435/331, 435/335, 435/7.92, 530/388.15, 530/389.2,
530/391.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KINIC](#) | [Drawn Desc](#) | [Image](#) 27. Document ID: US 6468770 B1

L10: Entry 27 of 119

File: USPT

Oct 22, 2002

US-PAT-NO: 6468770

DOCUMENT-IDENTIFIER: US 6468770 B1

TITLE: Nucleic acids and proteins of *D. melanogaster* insulin-like genes and uses thereof

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------|---------------|-------|----------|---------|
| Keyes; Linda Nolan | San Carlos | CA | | |
| Doberstein; Stephen Kohl | San Francisco | CA | | |
| Buchman; Andrew Roy | Berkeley | CA | | |
| Reddy; Bindu Priya | San Francisco | CA | | |
| Ruddy; David Andrew | San Francisco | CA | | |

US-CL-CURRENT: 435/69.4; 435/320.1, 435/325, 435/455, 435/471, 435/69.1, 536/23.1,
536/23.5, 536/23.51[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KINIC](#) | [Drawn Desc](#) | [Image](#) 28. Document ID: US 6465181 B2

L10: Entry 28 of 119

File: USPT

Oct 15, 2002

US-PAT-NO: 6465181

DOCUMENT-IDENTIFIER: US 6465181 B2

TITLE: Reagents and methods useful for detecting diseases of the prostate

DATE-ISSUED: October 15, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------------|------------------|-------|----------|---------|
| Billing-Medel; Patricia A. | Grayslake | IL | | |
| Cohen; Maurice | Highland Park | IL | | |
| Colpitts; Tracey L. | Round Lake | IL | | |
| Gordon; Julian | Lake Bluff | IL | | |
| Granados; Edward N. | Vernon Hills | IL | | |
| Russell; John C. | Pleasant Prairie | WI | | |
| Stroupe; Stephen D. | Libertyville | IL | | |

US-CL-CURRENT: 435/6; 435/91.2, 435/91.5, 536/22.1, 536/23.5, 536/24.31, 536/24.33[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KINIC](#) | [Drawn Desc](#) | [Image](#)

29. Document ID: US 6458574 B1

L10: Entry 29 of 119

File: USPT

Oct 1, 2002

US-PAT-NO: 6458574

DOCUMENT-IDENTIFIER: US 6458574 B1

TITLE: Treatment of a .alpha.-galactosidase a deficiency

DATE-ISSUED: October 1, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|------------|-------|----------|---------|
| Selden; Richard F | Wellesley | MA | | |
| Borowski; Marianne | Winthrop | MA | | |
| Kinoshita; Carol M. | Bedford | MA | | |
| Treco; Douglas A. | Arlington | MA | | |
| Williams; Melanie D. | Natick | MA | | |
| Schuetz; Thomas J. | Framingham | MA | | |
| Daniel; Peter F. | Natick | MA | | |

US-CL-CURRENT: 435/208; 424/94.1, 424/94.61, 435/183, 435/193, 536/23.1, 536/23.2,
536/23.4
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)
[KDDC](#) | [Draw Desc](#) | [Image](#)
 30. Document ID: US 6458527 B1

L10: Entry 30 of 119

File: USPT

Oct 1, 2002

US-PAT-NO: 6458527

DOCUMENT-IDENTIFIER: US 6458527 B1

** See image for Certificate of Correction **

TITLE: HIV immunoassays using gag polypeptides

DATE-ISSUED: October 1, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------------|---------------|-------|----------|---------|
| Luciw; Paul A. | Davis | CA | | |
| Dina; Dino | San Francisco | CA | | |
| Steimer; Kathelyn | El Cerrito | CA | | |
| Pescador; Ray Sanchez | Oakland | CA | | |
| George-Nascimento; Carlos | Danville | CA | | |
| Parkes; Deborah | Oakland | CA | | |
| Hallewell; Rob | San Francisco | CA | | |
| Barr; Philip J. | Orinda | CA | | |
| Truett; Martha | Oakland | CA | | |

US-CL-CURRENT: 435/5; 435/69.3, 435/69.7, 435/69.8, 435/69.9, 435/7.92, 435/7.95,
435/975, 436/518, 436/530, 530/324, 530/325, 530/326, 530/350, 530/826
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)
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|-----------|-----------|
| l6 and L9 | 119 |

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1. Document ID: US 6596928 B1

L5: Entry 1 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596928

DOCUMENT-IDENTIFIER: US 6596928 B1

TITLE: Plants synthesizing a modified starch, the generation of the plants, their use, and the modified starch

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------|-------|----------|---------|
| Landschutze; Volker | Berlin | | | DE |

US-CL-CURRENT: 800/284; 435/101, 435/320.1, 435/419, 435/468, 435/69.1, 536/23.6,
536/24.5, 800/278, 800/286, 800/317.2, 800/320.1, 800/320.2, 800/320.3[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)

2. Document ID: US 6596849 B1

L5: Entry 2 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596849

DOCUMENT-IDENTIFIER: US 6596849 B1

TITLE: Monoclonal-antibody for analysis and clearance of polyethylene glycol and polyethylene glycol-modified molecules

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------|-----------|-------|----------|---------|
| Roffler; Steve | Taipei | | | TW |
| Cheng; Tian-Lu | Chang Hua | | | TW |
| Wu; Pin-Yi | Taipei | | | TW |

US-CL-CURRENT: 530/387.1; 435/7.1, 435/7.2, 435/7.71, 435/7.9, 435/7.92, 530/388.1,
530/388.2, 530/388.85[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)

3. Document ID: US 6596702 B2

L5: Entry 3 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596702

DOCUMENT-IDENTIFIER: US 6596702 B2

TITLE: Compositions for use in rehydration and nutrition during athletic exercise and methods of making same

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------|-------------|-------|----------|---------|
| Kampinga; Jaap | Groningen | | | NL |
| Colaco; Camilo | Trumpington | | | GB |

US-CL-CURRENT: 514/53; 424/439, 426/648, 426/658, 426/66, 426/67, 426/810, 514/23,
514/25, 514/54, 514/58

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 6596701 B1

L5: Entry 4 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596701

DOCUMENT-IDENTIFIER: US 6596701 B1

TITLE: S-adenosyl methionine regulation of metabolic pathways and its use in diagnosis and therapy

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------------|-------------------|-------|----------|---------|
| Schwartz; Dennis E. | Redmond | WA | | |
| Vermeulen; Nicolaas M. J. | Woodinville | WA | | |
| O'Day; Christine L. | Mountlake Terrace | WA | | |

US-CL-CURRENT: 514/46; 435/7.1, 528/338, 528/340

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 6596527 B1

L5: Entry 5 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596527

DOCUMENT-IDENTIFIER: US 6596527 B1

TITLE: Composition and methods relating to SENP 1- a sentrin-specific protease

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Yeh; Edward T. H. | Houston | TX | | |
| Gong; Limin | Pearland | TX | | |

US-CL-CURRENT: 435/226; 435/252.3, 435/320.1, 435/69.1, 536/23.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KOMC](#) | [Drawn Desc](#) | [Image](#)

6. Document ID: US 6596512 B1

L5: Entry 6 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596512

DOCUMENT-IDENTIFIER: US 6596512 B1

TITLE: Nucleic acid encoding Nematode dopamine transporter and the protein encoded thereby

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Blakely; Randy D. | Brentwood | TN | | |
| Eppler; Cecil M. | Langhorne | PA | | |

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/254.2, 435/320.1, 435/325,
435/367, 435/471, 435/6, 435/7.1, 435/7.2, 435/7.21, 435/71.1, 435/71.2, 530/350,
536/23.5

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7. Document ID: US 6596499 B2

L5: Entry 7 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596499

DOCUMENT-IDENTIFIER: US 6596499 B2

TITLE: Membrane molecule indicator compositions and methods

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------|-----------|-------|----------|---------|
| Jalink; Kees | Heemstede | | | NL |

US-CL-CURRENT: 435/7.1; 435/252.3, 435/320.1, 435/325, 435/7.8, 435/7.9, 436/172,
436/86, 536/23.5

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8. Document ID: US 6596486 B2

L5: Entry 8 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596486

DOCUMENT-IDENTIFIER: US 6596486 B2

TITLE: Methods and compositions pertaining to PD-Loops

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------------|------------|-------|----------|---------|
| Frank-Kamenetskii; Maxim D. | Brookline | MA | | |
| Bukanov; Nikolay O. | Framingham | MA | | |
| Demidov; Vadim V. | Boston | MA | | |
| Kuhn; Heiko | Boston | MA | | |
| Broude; Natalia E. | Natick | MA | | |

US-CL-CURRENT: 435/6; 536/26.1

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9. Document ID: US 6596485 B2

L5: Entry 9 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596485

DOCUMENT-IDENTIFIER: US 6596485 B2

TITLE: Green fluorescent protein fusions with random peptides

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------------|------------|-------|----------|---------|
| Anderson; David | San Bruno | CA | | |
| Bogenberger; Jakob Maria | Menlo Park | CA | | |

US-CL-CURRENT: 435/6; 424/278.1, 435/69.1, 536/23.4

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

10. Document ID: US 6596336 B1

L5: Entry 10 of 6708

File: USPT

Jul 22, 2003

US-PAT-NO: 6596336

DOCUMENT-IDENTIFIER: US 6596336 B1

TITLE: Microbiologically stable sauce emulsion

DATE-ISSUED: July 22, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|--------------|-------|----------|---------|
| Gimelli; Kenneth | Waldwick | NJ | | |
| Bauer; Roland | West Milford | NJ | | |
| Caravetta; Dominic | Congers | NY | | |
| Kochakji; Daniel J. | West Milford | NJ | | |
| Luther; Stephanie | Monroe | NY | | |

US-CL-CURRENT: 426/589; 426/601, 426/602[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[Kinet](#) | [Draw Desc](#) | [Image](#)[Generate Collection](#)[Print](#)

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| L3 and stability | 6708 |

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